[redacted]

SEARCHED

Class	Sub.	Date	Exmr.
310	54 270 214 261 262	9/7/02	[illegible]
updated above search		12/14/02	[illegible]

INTERFERENCE SEARCHED

Class	Sub.	Date	Exmr.

SEARCH NOTES
(INCLUDING SEARCH STRATEGY)

	Date	Exmr.
searched inventor's name	9/7/02	[illegible]
hollow pin, stud, bolt, fastener, nail, rivet		
USPAT, US PGPUB, USOCR, EPO, JPO, DERWENT, IBM_TDB		
updated above search	12/14/02	[illegible]

(RIGHT OUTSIDE)